SAMPLE ID: _____

2021 WiscWeeds Waterhemp Project

University of Wisconsin-Madison Cropping System Weed Science

FARMER AND FIELD INFORMATION

Farmer	**Collaborator**	**Field Location**	**Field Soil Information**
Name:	Name:	GPS Coordinates:	OM (%): Sand (%): Clay (%):
Contact:	Contact:	Address:	pH: Silt (%):

FIELD MANAGEMENT INFORMATION

Year	Crop		Tillage			Manure		PRE-Emergence Herbicide Program		POST-Emergence Herbicide Program		Inf.	Dist.
			1st Pass	2nd Pass				1st Pass	2nd Pass	1st Pass	2nd Pass		
2017	Soybean ☐ Corn ☐ Wheat ☐ Alfalfa ☐ Other: PD: HD:		NT ☐	Y ☐ F ☐ S ☐ Type(s):	Y ☐ F ☐ S ☐ Type(s):	N ☐	Y ☐ F ☐ S ☐ WCS for Cows? Y ☐ N ☐	N ☐	Prod (s): Rate (s): Date:	Prod (s): Rate (s): Date:	N ☐	Prod (s): Rate (s): Date:	Prod (s): Rate (s): Date:	NP ☐ L ☐ M ☐ H ☐	NP ☐ ED ☐ SC ☐ EF ☐
2018	Soybean ☐ Corn ☐ Wheat ☐ Alfalfa ☐ Other: PD: HD:		NT ☐	Y ☐ F ☐ S ☐ Type(s):	Y ☐ F ☐ S ☐ Type(s):	N ☐	Y ☐ F ☐ S ☐ WCS for Cows? Y ☐ N ☐	N ☐	Prod (s): Rate (s): Date:	Prod (s): Rate (s): Date:	N ☐	Prod (s): Rate (s): Date:	Prod (s): Rate (s): Date:	NP ☐ L ☐ M ☐ H ☐	NP ☐ ED ☐ SC ☐ EF ☐
2019	Soybean ☐ Corn ☐ Wheat ☐ Alfalfa ☐ Other: PD: HD:		NT ☐	Y ☐ F ☐ S ☐ Type(s):	Y ☐ F ☐ S ☐ Type(s):	N ☐	Y ☐ F ☐ S ☐ WCS for Cows? Y ☐ N ☐	N ☐	Prod (s): Rate (s): Date:	Prod (s): Rate (s): Date:	N ☐	Prod (s): Rate (s): Date:	Prod (s): Rate (s): Date:	NP ☐ L ☐ M ☐ H ☐	NP ☐ ED ☐ SC ☐ EF ☐
2020	Soybean ☐ Corn ☐ Wheat ☐ Alfalfa ☐ Other: PD: HD:		NT ☐	Y ☐ F ☐ S ☐ Type(s):	Y ☐ F ☐ S ☐ Type(s):	N ☐	Y ☐ F ☐ S ☐ WCS for Cows? Y ☐ N ☐	N ☐	Prod (s): Rate (s): Date:	Prod (s): Rate (s): Date:	N ☐	Prod (s): Rate (s): Date:	Prod (s): Rate (s): Date:	NP ☐ L ☐ M ☐ H ☐	NP ☐ ED ☐ SC ☐ EF ☐
2021	Soybean ☐ Corn ☐ Wheat ☐ Alfalfa ☐ Other: PD: HD:		NT ☐	Y ☐ F ☐ S ☐ Type(s):	Y ☐ F ☐ S ☐ Type(s):	N ☐	Y ☐ F ☐ S ☐ WCS for Cows? Y ☐ N ☐	N ☐	Prod (s): Rate (s): Date:	Prod (s): Rate (s): Date:	N ☐	Prod (s): Rate (s): Date:	Prod (s): Rate (s): Date:	NP ☐ L ☐ M ☐ H ☐	NP ☐ ED ☐ SC ☐ EF ☐

Abbreviations:

PD: Plant Date	F: Previous Fall	Inf.: Waterhemp Infestation	ED: Edges
HD: Harvest Date	S: Spring	Dist.: Waterhemp Distribution	SC: Scattered
NT: No-till	WCS: Whole Cottonseed	L: Low	EF: Entire Field
Y: Yes	Prod: Product	M: Medium	
N: No	NP: Not Present	H: High	

Additional Information/Observations:

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Seed Collection Protocol (fields where dicamba, 2,4-D and/or glufosinate performance was lower than expected):

- Collect seed heads from 20 mature waterhemp female plants. Collect plants as far apart as possible within the field to represent the population.
- Place all seed heads from the same field in the same paper bag (leave paper bags open until samples are dry). Store the samples in a dry environment.
- Properly ID the sample bag and fill out the "Field Management Information". This information is crucial for our research.
- For sample ID, use county and farmer's name. Waterhemp infestation and distribution within a field will be a "polite guess".
- Please mail samples to Rodrigo Werle, 1575 Linden Drive, Madison, WI 53706.
- For questions, contact Rodrigo Werle: rwerle@wisc.edu (www.wiscweeds.info).

Waterhemp plants have short petioles, no hairs on the leaves and stems, leaves are lanceolate and waxy.